



## RECORD OF CONVERSATION

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**Date:** May 11, 2017  
**Time:** Approximately 1200 eastern daylight time  
**Location:** Clearwater Beach, Florida  
**Person Contacted:** Garth Hitchens  
Director of Technology  
Rose Point Navigation Systems  
**Subject:** Portrayal of AIS Application Specific Message (ASM) information

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On May 11, 2017, at approximately 1200 eastern daylight time (EDT), Mike Richards and Doug Mansell from the NTSB had a conversation with Mr. Garth Hitchens, Director of Technology at Rose Point. The conversation took place in Clearwater Beach, Florida. Mr. Hitchens reported the following:

Rose Point offers marine navigation software for recreational and commercial – particularly, inland and coastwise – vessels. Although Rose Point does not have Electronic Chart Display and Information System (ECDIS) type approval, the portrayal of information within Rose Point software products is intended to be consistent with IMO standards for ECDIS.

At the time of conversation, no commercially-available products were known to be compliant with RTCM 10900.7, although it is anticipated that industry is moving towards adoption of that standard. Of note, RTCM 10900.7 recommends, but does not require, accepting and displaying automatic identification system (AIS) application specific message (ASM) information.

Rose Point actively maintains their software products, and frequently releases updates that customers can download via the internet. With an agile software development process, they are able to implement demonstration versions of software – including new portrayal ideas – to select test audiences within weeks of definition.

Mike Richards  
Aviation Safety Investigator  
Senior Meteorologist  
Operational Factors Division  
National Transportation Safety Board

Douglas Mansell  
Recorder Specialist  
Vehicle Recorder Division  
Office of Research and Engineering  
National Transportation Safety Board